

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A fan (1) comprising:
a centrifugal fan (3) including an impeller (31a to 31d) and a scroll casing (32a to 32d) that ~~has~~ houses the impeller, the scroll casing having a scroll intake port (34a to 34d) ~~and houses the impeller; and~~
a unit casing (2) having an unit intake port (2a) that opens in a direction crossing an opening direction of the scroll intake port, ~~and~~ the unit casing being configured to house the centrifugal fan, ~~wherein~~
the scroll casing ~~has, at a circumference of the scroll intake port,~~ having a bulged portion at a circumferential portion of the scroll intake port, (61a to 61d) whose the bulged portion having an inner surface that is formed evenly in a circumferential direction and ~~whose an~~ outer surface portion ~~for~~ formed away from the unit intake port ~~is formed such that it~~ bulges out to a side opposite the impeller.
2. (Currently Amended) The fan (1) according to claim 1, wherein
the bulged portion (61a to 61d) is formed unevenly such that a bulging distance (L) increases from a portion near the unit intake port (2a) to a portion ~~far therefrom~~ away from the unit intake port toward the side opposite the impeller.
3. (Currently Amended) The fan according to claim 1 ~~or 2~~, wherein

the scroll casing (32a to 32d) has, bulged portion is formed by a plurality of ribs
formed at the circumferential portion of the scroll intake port (34a to 34d), ~~a plurality of ribs~~
~~(62a to 62d, 63a to 63d) protruding that protrude~~ to the side opposite the impeller, and with
the ribs having free ends defining an imaginary outer surface of the bulged portion (61a to
61d) has an outer surface that is formed by a surface that imaginary connects the plurality of
~~ribs at their ends~~ on the side opposite the impeller.

4. (Currently Amended) An air conditioner (1) comprising:

a centrifugal fan (3) including an impeller (31a to 31d) and a scroll casing (32a to
32d) that ~~has~~ houses the impeller, the scroll casing having a scroll intake port (34a to 34d)
and a scroll discharge port (35a to 35d) ~~and houses the impeller;~~

a unit casing (2) ~~including a~~ having an unit intake port (2a) that opens in a direction
crossing an opening direction of the scroll intake port and a unit discharge port (2b), and the
unit casing being configured to house the centrifugal fan;

a partition member (24) ~~serving as a member for~~ dividing a space inside the unit
casing into a fan chamber (S1) in communication with the unit intake port and a heat
exchanger chamber (S2) in communication with the unit discharge port, and the partition
member including a communication hole (25a to 25d) formed so as to communicate to allow
the fan chamber and the heat exchanger chamber to communicate with each other and to
correspond to the scroll discharge port; and

a heat exchanger (4) disposed inside the heat exchanger chamber such that air blown
into the heat exchanger chamber from the scroll discharge port passes therethrough and then
is blown out from the unit discharge port, ~~wherein~~

the scroll casing ~~has, at a circumferential portion of the scroll intake port, having a bulged portion at a circumferential portion of the scroll intake port, (61a to 61d) whose the bulged portion having an inner surface that~~ is formed evenly in a circumferential direction and ~~whose an outer surface portion far~~ formed away from the unit intake port ~~is formed such that it~~ bulges out to a side opposite the impeller side.

5. (New) The fan according to claim 2, wherein

the bulged portion is formed by a plurality of ribs formed at the circumferential portion of the scroll intake port that protrude to the side opposite the impeller with the ribs having free ends defining an imaginary outer surface of the bulged portion on the side opposite the impeller.

6. (New) The air conditioner according to claim 4, wherein

the bulged portion is formed unevenly such that a bulging distance increases from a portion near the unit intake port to a portion away from the unit intake port toward the side opposite the impeller.

7. (New) The air conditioner according to claim 6, wherein

the bulged portion is formed by a plurality of ribs formed at the circumferential portion of the scroll intake port that protrude to the side opposite the impeller with the ribs having free ends defining an imaginary outer surface of the bulged portion on the side opposite the impeller.

8. (New) The air conditioner according to claim 4, wherein
the bulged portion is formed by a plurality of ribs formed at the circumferential
portion of the scroll intake port that protrude to the side opposite the impeller with the ribs
having free ends defining an imaginary outer surface of the bulged portion on the side
opposite the impeller.